

NCBI Entrez

Sequence QUERY

BLAST

Entrez

?

Other Formats:

**FASTA****Graphic**

**LOCUS** T49531 329 bp mRNA EST 06-FEB-1995  
**DEFINITION** ya76f12.r1 Stratagene placenta (#937225) Homo sapiens cDNA clone  
 IMAGE:67631 5' similar to similar to SP:S33363 S33363 GLY96 PROTEIN  
 -, mRNA sequence.  
**ACCESSION** T49531  
**NID** g651391  
**KEYWORDS** EST.  
**SOURCE** human.  
**ORGANISM** Homo sapiens  
 Eukaryota; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria;  
 Primates; Catarrhini; Hominidae; Homo.  
**REFERENCE** 1 (bases 1 to 329)  
**AUTHORS** Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,  
 Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,  
 Parsons,J., Rifkin,L., Rohlfing,T., Tan,F., Trevaskis,E.,  
 Waterston,R., Williamson,A., Wohldmann,P. and Wilson,R.  
**TITLE** WashU-Merck EST Project  
**JOURNAL** Unpublished (1995)  
**COMMENT** Other\_ESTs: ya76f12.s1  
 Contact: Wilson RK  
 Washington University School of Medicine  
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108  
 Tel: 314 286 1800  
 Fax: 314 286 1810  
 Email: est@watson.wustl.edu  
 High quality sequence stops: 264  
 Source: IMAGE Consortium, LLNL  
 This clone is available royalty-free through LLNL ; contact the  
 IMAGE Consortium (info@image.llnl.gov) for further information.  
 Seq primer: M13RP1  
 High quality sequence stop: 264.  
**FEATURES** Location/Qualifiers  
**source** 1..329  
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 XR Vector; ~5' adaptor sequence: 5' GAATTGGCACCGAG 3' ~3'  
 adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTT 3'"  
 /db\_xref="GDB:489296"  
 /db\_xref="taxon:9606"  
 /clone="IMAGE:67631"  
 /clone\_lib="Stratagene placenta (#937225)"  
 /sex="male"  
 /lab\_host="SOLR cells (kanamycin resistant)"  
**BASE COUNT** 48 a 131 c 84 g 57 t 9 others  
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 61 cccccgacccc ggccccctcc accatcccg gaccccgccg gcntccggc ctgagatctt  
 121 caccatcgac cctctcccg agccccgacg ggcccttgcc ggcgccccag ctnntncgcg  
 181 ggcaccgaaa ggcgacgcga gggttctcta ccctcgagt gtccggcgn agtgnccagt  
 241 cgaggaacctc aaccctggca aaaggcttctt ctttcgtt gctcaccatc gtcttctgccc  
 301 agatcctgat ggctgangag ggtgtgncc  
 //

Save the above report in   format

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**NCBI Entrez****Nucleotide QUERY****BLAST****Entrez****Other Formats:****GenBank****Graphic**

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>gi|651391|gb|T49531|T49531 ya76f12.r1 Stratagene placenta (#937225) Homo sapiens cDNA library clone  
TCCGCTGCNTCACCATGTGTCACTCTCGCAGCTGCCACCCGACCATGACCATCCTGCAGGCCCGACCC  
GGCCCCCTCCACCATCCGGGACCCGGCGGCNTCCGGTCCTGAGATCTTCACCTTCGACCCCTCTCCCG  
AGCCCGCAGCGGGCCCTGCCGGCGCCCGAGCTNNNTNCGCGGGCACCGAAAGCGCAGCGCAGGGTTCTCTA  
CCCTCGAGTGGTCCGGCGNCAGTGNCCAGTCGAGGAACCGAACCCAGCCAAAAGGCTTCTCTTGCTT  
GCTCACCATCGTCTCTGCCAGATCCTGATGGCTGANGAGGGTGTGNCG
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Save the above report in   format

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NCBI Entrez

Protein QUERY

BLAST Entrez ?

Other Formats:  

LOCUS 1169902 106 aa 01-NOV-1995  
 DEFINITION IMMEDIATE EARLY PROTEIN GLY96 HOMOLOG.  
 ACCESSION 1169902  
 PID g1169902  
 DBSOURCE SWISS-PROT: locus GL96\_HUMAN, accession P46695  
     class: standard.  
     created: Nov 1, 1995.  
     sequence updated: Nov 1, 1995.  
     annotation updated: Nov 1, 1995.  
     xrefs: gi: [651391](#)  
 KEYWORDS GLYCOPROTEIN; TRANSMEMBRANE.  
 SOURCE human.  
 ORGANISM Homo sapiens  
     Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;  
     Vertebrata; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE 1 (residues 1 to 106)  
 AUTHORS HILLIER,L., CLARK,N., DUBUQUE,T., ELLISTON,K., HAWKINS,M.,  
     HOLMAN,M., HULTMAN,M., KUCABA,T., LE,M., LENNON,G., MARRA,M.,  
     PARSONS,J., RIFKIN,L., ROHLFING,T., TAN,F., TREVASKIS,E.,  
     WATERSTON,R., WILLIAMSON,A., WOHLDMANN,P. and WILSON,R.  
 TITLE Direct Submission  
 JOURNAL Submitted (??-FEB-1995) TO EMBL/GENBANK/DDJB DATA BANKS  
 REMARK SEQUENCE FROM N.A.  
     TISSUE=PLACENTA  
 REFERENCE 2 (residues 1 to 106)  
 AUTHORS BAIROCH,A.  
 TITLE Direct Submission  
 JOURNAL Submitted (??-OCT-1995) TO EMBL/GENBANK/DDJB DATA BANKS  
 REMARK CONCEPTUAL TRANSLATION.  
 COMMENT [WARNING] On Oct 9, 1997 this sequence was replaced by a newer  
     version gi:[2507034](#).  
     [SUBCELLULAR LOCATION] TYPE II MEMBRANE PROTEIN (POTENTIAL).  
     [SIMILARITY] STRONG, TO MOUSE GLY96.  
     [CAUTION] THIS IS A CONCEPTUAL TRANSLATION; FRAMESHIFTS HAD TO BE  
     INTRODUCED TO PRODUCE THIS ORF.  
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     /region\_name="Transmembrane region"  
 Region 100..>106  
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 //

Save the above report in   format

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**NCBI Entrez****Protein QUERY****BLAST** **Entrez** **[?]****Other Formats:****GenPept****Graphic**

>gi|1169902|sp|P46695|GL96\_HUMAN IMMEDIATE EARLY PROTEIN GLY96 HOMOLOG  
MCHSR SCHPTMTILQAPTPAPSTIPGPRRXSGPEIFTFDPLPEPAAA PAGAPQXXRGHRKRSRRVLYPRV  
VRXQXPVEEPNPAKRLLFLLLTIVFCQILMAXEGVX

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**NCBI Entrez****Protein QUERY****BLAST****Entrez****?****Other Formats:****GenPept****FASTA****Graphic**

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      comment "[SUBCELLULAR LOCATION] TYPE II MEMBRANE PROTEIN (POTENTIAL)." ,
      comment "[SIMILARITY] STRONG, TO MOUSE GLY96." ,
      comment "[CAUTION] THIS IS A CONCEPTUAL TRANSLATION; FRAMESHIFTS HAD TO BE
INTRODUCED TO PRODUCE THIS ORF." ,
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        month 11 ,
        day 1 } ,
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        month 11 ,
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      month 11 ,
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        common "human" ,
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            id 9606 } ,
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        name
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Vertebrata; Eutheria; Primates; Catarrhini; Hominidae; Homo" ,
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      initials "R." } } } } ,
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      month 2 } ,
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  comment "SEQUENCE FROM N.A.-TISSUE=PLACENTA" } ,
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  pub {
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                    last "BAIROCH" ,
                    initials "A." } } } ,
imp {
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        month 10 } ,
    pub
        str "TO EMBL/GENBANK/DDBJ DATA BANKS" } ,
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    length 106 ,
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    hist {
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                month 10 ,
                day 9 } ,
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                        to 81 ,
                        id
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                    exp-ev not-experimental } ,
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                location
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                        to 98 ,
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  to 105 ,
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    gi 1169902 ,
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    lim gt } ,
exp-ev not-experimental } ,
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data
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    name {
      "IMMEDIATE EARLY PROTEIN GLY96 HOMOLOG" } } ,
partial TRUE ,
location
int {
  from 0 ,
  to 105 ,
  id
    gi 1169902 ,
  fuzz-to
    lim gt } } } } }
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Save the above report in   format

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## IMMEDIATE EARLY PROTEIN GLY96 HOMOLOG.

1 MCHSR SCHPTMTILQAPTPAPSTIPGPRRXSGPEIFTFDP  
41 L PEPAAAPAGAPQXXRGHRKRSRRVLYPRVVRXQXPVEEP  
81 NPAKRLLFLLLTIVFCQILMAXEGVX

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### Legend

feature

NCBI Entrez

Sequence QUERY

BLAST

Entrez

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Other Formats:

FASTA

Graphic

LOCUS 2507034 156 aa 01-FEB-1998  
 DEFINITION RADIATION-INDUCIBLE IMMEDIATE-EARLY GENE IEX-1 (IMMEDIATE EARLY PROTEIN GLY96).  
 ACCESSION 2507034  
 PID g2507034  
 DBSOURCE SWISS-PROT: locus IEX1\_HUMAN, accession P46695  
 class: standard.  
 extra accessions:Q93044, created: Nov 1, 1995.  
 sequence updated: Nov 1, 1997.  
 annotation updated: Feb 1, 1998.  
 xrefs: gi: 1488384, gi: 1488385, gi: 651391  
 KEYWORDS GLYCOPROTEIN; TRANSMEMBRANE; SIGNAL-ANCHOR.  
 SOURCE human.  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria;  
 Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE 1 (residues 1 to 156)  
 AUTHORS Kondratyev,A.D., Chung,K.N. and Jung,M.O.  
 TITLE Identification and characterization of a radiation-inducible glycosylated human early-response gene  
 JOURNAL Cancer Res. 56 (7), 1498-1502 (1996)  
 MEDLINE 96181295  
 REMARK SEQUENCE FROM N.A.  
 TISSUE=PLACENTA  
 REFERENCE 2 (residues 1 to 156)  
 AUTHORS HILLIER,L., CLARK,N., DUBUQUE,T., ELLISTON,K., HAWKINS,M.,  
 HOLMAN,M., HULTMAN,M., KUCABA,T., LE,M., LENNON,G., MARRA,M.,  
 PARSONS,J., RIFKIN,L., ROHLFING,T., TAN,F., TREVASKIS,E.,  
 WATERSTON,R., WILLIAMSON,A., WOHLDMANN,P. and WILSON,R.  
 TITLE Direct Submission  
 JOURNAL Submitted (??-FEB-1995) TO EMBL/GENBANK/DDBJ DATA BANKS  
 REMARK PRELIMINARY SEQUENCE OF 1-106 FROM N.A.  
 TISSUE=PLACENTA  
 COMMENT [WARNING] On May 8, 1998 this sequence was replaced by a newer version gi:3123229.  
 On Oct 9, 1997 this sequence version replaced gi:1169902.  
 [SUBCELLULAR LOCATION] TYPE II MEMBRANE PROTEIN (POTENTIAL).  
 [INDUCTION] BY RADIATION.  
 [SIMILARITY] STRONG, TO MOUSE ORTHOLOG.  
 [CAUTION] REF.2 SEQUENCE DIFFERS FROM THAT SHOWN DUE TO FRAMESHIFTS.  
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 /note="SIGNAL-ANCHOR (TYPE-II MEMBRANE PROTEIN)."  
 /region\_name="Transmembrane region"  
 Region 100..156  
 /note="EXTRACELLULAR."  
 /region\_name="Domain"  
 Site 133  
 /site\_type="glycosylation"

## ORIGIN

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121 aptpvspvle pfnlstsepsd yaldlstflq qhpAAF

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